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Shardlow Rural Sanitary Authority.



Annual Report

OF THE

Medical Officer of Health

(Charles Harwood, M.D.),

FOR THE YEAR 1894.



Chadfield & Son, Printers, 118, Friar Gate, Derby.

REPORT FOR 1894.

TO THE SHARDLOW RURAL SANITARY AUTHORITY,

GENTLEMEN,

I beg to present my Report relating to the health of the District during the year 1894.

At the census of April, 1891, the population was found to be 39,243.

To the middle of 1894 the estimated population amounts to 41,099.

During the year, 1,203 births were registered, viz.: 645 males and 558 females, being 121 less than the previous year, owing, no doubt, to bad trade, strikes, and consequently fewer marriages.

The deaths were 532, viz., 282 males and 250 females, being 132 less than the previous year, this being the result of a more healthy state of the district.

The natural increase of the population by the excess of births over deaths was 671, being 11 more than the previous year.

The birth-rate for the year was 29·34 per thousand of the population.

The death-rate for the year was 12·97 per thousand of the population.

The infantile death rate (*i.e.*, infants under 5 years) was 4·31 per thousand of the population.

The following Table shows the ages at which the Deaths occurred throughout the District, viz.:—

Deaths under 1 year of age	...	...	130	}	177 under
„ over 1 „ and under 5 years			47		5 years.
„ „ 5 „ „ 15 „			20	}	355 over
„ „ 15 „ „ 25 „			28		
„ „ 25 „ „ 65 „			145		
„ „ 65 „ „			162		5 years.

Total ... 532

Of these 532 Deaths, 25 were caused by the Zymotic Diseases, viz. :—

Scarlatina ...	...	...	...	...	1
Diphtheria ...	...	...	...	...	2
Croup ...	...	...	...	...	6
Typhoid Fever ...	...	...	...	...	2
Puerperal Fever ...	...	...	...	...	3
Measles ...	...	...	...	...	3
Whooping Cough ...	...	...	...	...	5
Diarrhœa ...	...	...	...	...	3
					—
Total ...					25
					—

These Zymotic Deaths were distributed as follows, viz. :—

Barrow ...	...	1	Death, viz. :—	Puerperal Fever	1
Breaston ...	...	1	„	Whooping Cough	1
Castle Donington ...	...	2	„	Diphtheria 1 {	2
„ ...	...	„	„	Diarrhœa 1 {	
Chaddesden ...	...	1	„	Puerperal Fever	1
Draycott ...	...	1	„	Croup	1
Elvaston ...	...	1	„	Scarlatina	1
Little Eaton ...	...	2	„	Croup 1 {	2
„ ...	...	„	„	Measles 1 {	
Littleover ...	...	1	„	Measles	1
Melbourne ...	...	1	„	Whooping Cough	1
Ockbrook ...	...	2	„	Whooping Cough 1 {	2
„ ...	...	„	„	Diarrhœa 1 {	
Osmaston ...	...	1	„	Measles	1
Sandiacre ...	...	3	„	Diphtheria 1 {	3
„ ...	...	„	„	Croup 1 {	
„ ...	...	„	„	Whooping Cough 1 {	
Sawley ...	...	3	„	Croup 2 {	3
„ ...	...	„	„	Diarrhœa 1 {	
Shardlow ...	...	2	„	Croup 1 {	2
„ ...	...	„	„	Typhoid Fever 1 {	
Spondon ...	...	1	„	Whooping Cough	1
Stapleford ...	...	1	„	Typhoid Fever	1
Weston-on-Trent ...	...	1	„	Puerperal Fever	1
					—
					25
					—

Of these Zymotic Deaths 17 occurred in children under 5 years of age and 8 over that age.

The Zymotic Deaths in the previous year of 1893 were 57, and the above Table compares very favourably indeed, being less than half. These cases were sporadic, and there was not anything approaching to an epidemic in any part of the District with the exception that, towards the latter part of the year, Measles were very prevalent in Littleover, Elvaston, Weston, and Shardlow. The usual means of arresting these were adopted, as in former years. As in my previous reports I have lamented the absence of any provision of isolating first cases of infectious disease in the district (except small pox), I have now the satisfaction of knowing that efforts are being made by the Derbyshire County Council to establish isolation hospitals in Derbyshire, one or more of which will be available for cases that may occur in this District. I need not say that this has been a consummation very much to be desired, and has been mentioned by me in my former reports. In connection with this, I may recapitulate what I reported to you at one of your meetings, viz., "I have also visited Stanley Common, where Scarlet Fever was notified in the person of a young girl. There were three other children in the family, who, on the nature of the disease being recognized, were immediately sent away to a distance. The patient was well isolated, and there has been no spread of the disease, and, as five weeks have elapsed since the outbreak, I consider this is a good instance of the value of prompt isolation."

During the year I received 102 notifications of infectious disease, as against 132 last year and 175 the year before. It will thus be seen that they have been gradually on the decrease for the last three years, upon which I must congratulate your Authority. I have also to express my satisfaction that the Derbyshire County Council have undertaken by their Analyst, the analysis of water and sewage effluent, at the moderate sum of five shillings a sample.

The Zymotic death rate was .6

The remaining 507 deaths are classified under the following diseases, viz. :—

Phthisis	...	...	...	...	43
Respiratory Diseases	...	...	...	...	75
Heart Diseases	...	...	...	...	58
Accidents and Injuries	...	...	...	...	16
All other diseases	...	...	...	...	315
					<hr/>
					507
					<hr/>

Nineteen inquests were held during the year. Of the 532 deaths, 6 only were uncertified.

The 1891 Census Population and estimated population to the Middle of 1894, and the Births and Deaths for the Villages during the year, were as follows, viz.:—

ASTON.

Census population, 548. Estimated to middle of 1894, 552.

Births, 9, viz., 4 males, and 5 females.

Deaths, 9, viz., 5 males and 4 females.

3 died under ... 1 year of age.

1 „ between 15 „ 25 „

2 „ „ 25 „ 65 „

3 „ over ... 65 „

The diseases were—Phthisis, 1. Respiratory diseases, 3. Heart disease, 2. Not named, 3.

BARROW, SINFIN, and ARLESTON.

Census population, 403. Estimated to middle of 1894, 425.

Births, 11, viz., 8 males and 3 females.

Deaths, 6, viz., 3 males and 3 females.

1 died under ... 1 year of age.

1 „ between 5 and 15 „

2 „ „ 15 „ 25 „

1 „ „ 25 „ 65 „

1 „ over ... 65 „

The diseases were—Puerperal Fever, 1. Heart disease, 1. Not named, 4.

BRAMCOTE.

Census population, 762. Estimated to middle of 1894, 789.

Births, 20, viz., 14 males and 6 females.

Deaths, 8, viz., 4 males and 4 females.

3 died under ... 1 year of age.

1 „ „ 25 „ 65 „

4 „ over ... 65 „

One died from Pulmonary disease and 5 from diseases not named.

BREADSALL.

Census population, 571. Estimated to middle of 1894, 584.

Births, 9, viz., 4 males and 5 females.

Deaths, 6, viz., 3 males and 3 females.

1 died under ... 1 year of age.

2 „ between 25 and 65 „

3 „ over ... 65 „

One died from Pulmonary disease and 5 from diseases not named.

BREASTON.

Census population, 882. Estimated to middle of 1894, 913.

Births, 23, viz., 15 males and 8 females.

Deaths, 11, viz., 5 males and 6 females.

3 died under ... 1 year of age.

1 „ between 1 and 5 „

2 „ „ 5 „ 15 „

1 „ „ 15 „ 25 „

1 „ „ 25 „ 65 „

3 „ over ... 65 „

The diseases were—Whooping Cough, 1. Phthisis, 1. Pulmonary disease, 3. Heart disease, 1. Diseases not named, 5.

BREEDON.

Census population, 649. Estimated to middle of 1894, 691.

Births, 25, viz., 15 males and 10 females.

Deaths, 15, viz., 5 males and 10 females.

4 died under ... 1 year of age.

5 „ „ 25 „ 65 „

6 „ over ... 65 „

The diseases were—Phthisis, 1. Pulmonary disease, 4. Heart disease, 3. Not named, 7.

CASTLE DONINGTON.

Census population, 2596. Estimated to middle of 1894, 2,663.

Births, 67, viz., 34 males and 33 females.

Deaths, 39, viz., 23 males and 16 females.

7 died under ... 1 year of age.

7 „ between 1 and 5 „

15 „ „ 25 „ 65 „

10 „ over ... 65 „

The diseases were—Diphtheria, 1. Diarrhoea, 1. Phthisis, 2. Pulmonary disease, 5. Heart disease, 6. Injuries, 1. Not named, 23.

CHADDESSEN.

Census population, 682. Estimated to middle of 1894, 726.

Births, 18, viz., 11 males and 7 females.

Deaths, 11, viz., 6 males and 5 females.

1 died between 1 and 5 years of age.

2 „ „ 5 „ 15 „

1 „ „ 15 „ 25 „

5 „ „ 25 „ 65 „

2 „ over ... 65 „

The diseases were—Puerperal Fever, 1. Phthisis, 2. Pulmonary disease, 2. Injuries, 1. Not named, 5.

CHELLASTON.

Census population, 497. Estimated to middle of 1894, 519.

Births, 14, viz., 10 males and 4 females.

Deaths, 6, viz., 3 males and 3 females.

1 died under ... 1 year of age.

2 „ between 25 and 65 „

3 „ over ... 65 „

The diseases were—Phthisis, 1. Pulmonary disease, 2.
Not named, 3.

CHILWELL AND ATTENBRO’.

Census population, 1013. Estimated to middle of 1894, 1041.

Births, 22, viz., 10 males and 12 females.

Deaths, 8, viz., 4 males and 4 females.

1 died between 5 and 15 years of age.

1 „ „ 15 „ 25 „

4 „ „ 25 „ 65 „

2 „ over ... 65 „

The diseases were—Phthisis, 3. Heart Disease, 2. Not
named, 3.

DALE ABBEY.

Census Population, 399. Estimated to middle of 1894, 415.

Births, 12, viz., 6 males and 6 females.

Deaths, 6, viz., 2 males and 4 females.

3 died under ... 1 year of age.

1 „ between 25 and 65 „

2 „ over ... 65 „

The diseases were—Pulmonary disease, 2. Not named, 4.

DISEWORTH.

Census population, 369. Estimated to middle of 1894, 389.

Births, 8, viz., 6 males and 2 females.

Deaths, 6, viz., 4 male and 2 females.

1 died under ... 1 year of age.

4 „ between 25 and 65 „

1 „ over ... 65 „

The diseases were—Phthisis, 2. Heart disease, 2. Not
named, 3.

DRAYCOTT AND HOPWELL.

Census population, 1080. Estimated to middle of 1894, 1,120.

Births, 42, viz., 17 males and 25 females.

Deaths, 22, viz., 9 males and 13 females.

6	died under	...	1	year of age.
2	„ between	1 and 5	„	
1	„ „	5 „ 15	„	
2	„ „	15 „ 25	„	
7	„ „	25 „ 65	„	
4	„ over	...	65	„

The diseases were—Croup, 1. Phthisis, 3. Heart disease, 4.
Not named, 14.

ELVASTON.

Census population, 519. Estimated to middle of 1894, 531.

Births, 13, viz., 4 males and 9 females.

Deaths, 7, viz., 5 males and 2 females.

1	died under	...	1	year of age.
1	„ between	1 and 5	„	
1	„ „	5 „ 15	„	
1	„ „	15 „ 25	„	
1	„ „	25 „ 65	„	
2	„ over	...	65	„

The diseases were—Scarlatina, 1. Pulmonary disease, 2.
Heart disease, 1. Injuries, 1. Not named, 2.

ISLEY WALTON AND LANGLEY PRIORY.

Census population, 53. Estimated to middle of 1894, 56.

Neither Birth nor Death took place.

HEMINGTON.

Census population, 358. Estimated to middle of 1894, 366.

Births, 9, viz., 4 males and 5 females.

Deaths, 6, viz., 2 males and 4 females.

2	died under	...	1	year of age.
1	„ between	15 and 25	„	
2	„ „	25 „ 65	„	
1	„ over	...	65	„

The diseases were—Phthisis, 2. Heart disease, 2. Injuries,
1. Not named, 2.

KINGSTON-ON-SOAR.

Census population, 281. Estimated to middle of 1894, 289.

Births, 6, viz., 4 males and 2 females.

Deaths, 8, viz., 4 males and 4 females.

2 died under ... 1 year of age.

1 died between 1 and 5 „

1 „ „ 15 „ 25 „

3 „ „ 25 „ 65 „

1 „ over ... 65 „

The diseases were—Injuries, 2. Not named, 6.

KEGWORTH.

Census population, 2149. Estimated to middle of 1894, 2,219.

Births, 45, viz., 30 males and 15 females.

Deaths, 31, viz., 19 males and 12 females.

6 died under ... 1 year of age.

1 „ between 1 and 5 „

2 „ „ 5 „ 15 „

1 „ „ 15 „ 25 „

7 „ „ 25 „ 65 „

14 „ over ... 65 „

The diseases were—Phthisis, 1. Pulmonary disease, 2. Heart disease, 5. Injuries, 1. Not named, 22.

LITTLE EATON.

Census population, 983. Estimated to middle of 1894, 1,030.

Births, 44, viz., 24 males and 20 females.

Deaths, 18, viz., 8 males and 10 females.

6 died under ... 1 year of age.

1 „ between 1 and 5 „

1 „ „ 5 „ 15 „

2 „ „ 15 „ 25 „

2 „ „ 25 „ 65 „

6 „ over ... 65 „

The diseases were—Croup, 1. Erysipelas, 1. Phthisis, 2. Pulmonary, 4. Not named, 10.

LITTLEOVER.

Census population, 819. Estimated to middle of 1894, 888.

Births, 29, viz., 13 males and 16 females.

Deaths, 5, viz., 2 males and 3 females.

2 died under ... 1 year of age

2 „ between 25 and 65 „

1 „ over ... 65 „

The diseases were—Measles, 1. Phthisis, 1. Not named, 3.

LOCKINGTON.

Census population, 219. Estimated to middle of 1894, 223.

Births, 3, viz., 1 male and 2 females.

Deaths, 2, viz., 1 male and 1 female.

1 died between 25 and 65 years of age.

1 „ over ... 65 „

The diseases were—Heart disease, 1. Not named, 1.

MELBOURNE AND DERBY HILLS.

Census population, 3,412. Estimated to middle of 1894, 3,577.

Births, 104, viz., 47 males and 57 females.

Deaths, 53, viz., 29 males and 24 females.

12 died under ... 1 year of age.

4 „ between 1 and 5 „

1 „ „ 15 „ 25 „

13 „ „ 25 „ 65 „

23 „ over ... 65 „

The diseases were—Whooping Cough, 1. Phthisis, 5. Pulmonary, 8. Heart Disease, 6. Injuries, 1. Not named, 32.

NORMANTON.

Census population, 938. Estimated to middle of 1894, 1023.

Births, 42, viz., 23 males and 19 females.

Deaths, 15, viz., 8 males and 7 females.

8 died under ... 1 year of age.

1 „ between 1 and 5 „

1 „ „ 15 „ 25 „

3 „ „ 25 „ 65 „

2 „ over ... 65 „

The diseases were—Phthisis, 2. Pulmonary disease, 1. Not named, 12.

OCKBROOK.

Census population, 2,166. Estimated to middle of 1894, 2,274.

Births, 70, viz., 41 males and 29 females.

Deaths, 24, viz., 12 males and 12 females.

4 died under ... 1 year of age.

1 „ between 1 and 5 „

1 „ „ 5 „ 15 „

9 „ „ 25 „ 65 „

9 „ over ... 65 „

The diseases were—Whooping Cough, 1. Diarrhœa 1. Phthisis, 3. Pulmonary disease, 3. Injuries, 3. Not named, 13.

OSMASTON.

Census population, 2,067. Estimated to middle of 1894, 2207.

Births, 81, viz., 51 males and 30 females.

Deaths, 25, viz., 15 males and 10 females.

11	died under	...	1	year of age.
3	„ between	1 and 5	„	
4	„ „	5 „ 15	„	
1	„ „	15 „ 25	„	
3	„ „	25 „ 65	„	
3	„ over	...	65	„

The diseases were—Measles, 1. Phthisis, 1. Pulmonary disease, 4. Heart disease, 1. Injuries, 1. Not named, 17.

RATCLIFF-ON-SOAR.

Census population, 135. Estimated to middle of 1894, 133.

Births, 3, viz., 2 males and 1 female.

Deaths, 2, viz., 2 males.

1	died under	...	1	year of age.
1	„ between	1 and 5	„	

Both from diseases not classified.

RISLEY.

Census population, 248. Estimated to middle of 1894, 249.

Births, 2, viz., 2 males.

Deaths, 1, viz., 1 female, who died between 25 and 65 years of age, from disease not named.

SANDIACRE.

Census population, 2,256. Estimated to middle of 1894, 2,384.

Births, 74, viz., 34 males and 40 females.

Deaths, 24, viz., 11 males and 13 females.

7	died under	...	1	year of age.
4	„ between	1 and 5	„	
2	„ „	5 „ 15	„	
1	„ „	15 „ 25	„	
6	„ „	25 „ 65	„	
4	„ over	...	65	„

The diseases were—Diphtheria, 1. Croup, 1. Whooping Cough, 1. Phthisis, 1. Pulmonary disease, 2. Heart disease, 1. Not named, 16.

SAWLEY.

Census population, 1,415. Estimated to middle of 1894, 1,475

Births, 38, viz., 21 males and 17 females.

Deaths, 22, viz., 13 males and 9 females.

6 died under ... 1 year of age.

4 ,, between 1 and 5 ,,

1 ,, ,, 15 ,, 25 ,,

5 ,, ,, 25 ,, 65 ,,

6 ,, over ... 65 ,,

The diseases were—Croup, 2. Diarrhoea, 1. Phthisis, 3.
Pulmonary disease, 3. Heart disease, 1. Not named, 12.

SHARDLOW.

Census population, 699. Estimated to middle of 1894, 732.

Births, 20, viz., 10 males and 10 females.

Deaths, 10, viz., 4 males and 6 females.

2 died under ... 1 year of age.

2 ,, between 1 and 5 ,,

4 ,, ,, 25 ,, 65 ,,

2 ,, over ... 65 ,,

The diseases were—Croup, 1. Enteric Fever, 1. Phthisis,
1. Heart disease, 2. Injuries, 2. Pulmonary disease, 1. Not
named, 2.

SPONDON.

Census population, 2,208. Estimated to middle of 1894, 2,321.

Births, 71, viz., 42 males and 29 females.

Deaths, 23, viz., 15 males and 8 females.

7 died under ... 1 year of age.

2 ,, between 1 and 5 ,,

1 ,, ,, 15 ,, 25 ,,

3 ,, ,, 25 ,, 65 ,,

10 ,, over ... 65 ,,

The diseases were—Whooping Cough, 1. Pulmonary, 3.
Heart Disease, 3. Not named, 16.

STANLEY.

Census population, 1,001. Estimated to middle of 1894, 1,108.

Births, 38, viz., 21 males and 17 females.

Deaths, 8, viz., 4 males and 4 females.

1 died under ... 1 year of age.

1 ,, between 15 and 25 ,,

5 ,, ,, 25 ,, 65 ,,

1 ,, over ... 65 ,,

The diseases were—Pulmonary, 1. Not named, 7.

STANTON-BY-DALE.

Census population, 649. Estimated to middle of 1894, 675.

Births, 22, viz., 10 males and 12 females.

Deaths, 9, viz., 6 males and 3 females.

2 died under ... 1 year of age.

2 „ between 5 and 15 „

1 „ „ 15 „ 25 „

2 „ „ 25 „ 65 „

2 „ over ... „ 65 „

The diseases were—Pulmonary, 2. Heart Disease, 2. Injuries, 2. Not named, 3.

STANTON-BY-BRIDGE and SWARKESTONE.

Census population, 346. Estimated to middle of 1894, 355.

Births, 9, viz., 2 males and 7 females.

Deaths, 2, viz., 1 male and 1 female.

1 died between 1 and 5 years of age.

1 „ over ... 65 „

The diseases were—Heart Disease, 1. Not named, 1.

STAPLEFORD.

Census population, 4,255. Estimated to middle of 1894, 4,530

Births, 157, viz., 86 males and 71 females.

Deaths, 60, viz., 29 males and 31 females.

15 died under ... 1 year of age.

9 „ between 1 and 5 „

2 „ „ 5 „ 15 „

3 „ „ 15 „ 25 „

18 „ „ 25 „ 65 „

15 „ over ... 65 „

The diseases were—Enteric Fever, 1. Phthisis, 4. Pulmonary, 11. Heart Disease, 7. Not named, 37.

TOTON.

Census population, 245, Estimated to middle of 1894, 254.

Births, 9, viz., 3 males and 6 female.

Death, 1 male, who died over 65 years of age, from disease not named.

WEST HALLAM AND KIRK HALLAM.

Census population, 654. Estimated to middle of 1894, 679.

Births, 13, viz., 5 males and 8 females.

Deaths, 5, viz., 2 males and 3 females.

2 died under ... 1 year of age.

3 „ over ... 65 „

The diseases were—Pulmonary disease, 1. Heart disease, 1. Not named, 5.

WESTON-ON-TRENT.

Census population, 322. Estimated to middle of 1894, 329.

Births, 10 : viz., 7 males and 3 females.

Deaths, 5 : viz., 2 males and 3 females.

2 „ between 25 and 65 year of age.

3 „ over ... 65 „

The diseases were—Puerperal Fever, 1. Pulmonary, 1. Heart disease, 1. Not named, 2.

SHARDLOW WORKHOUSE.

Census population, 143. Estimated to middle of 1894, 114.

Births, 3, viz., 2 males, 1 female.

Deaths, 10, viz., 8 males and 2 females.

3 died between 25 and 65 years of age

7 „ over ... 65 „

The diseases were—Phthisis, 2. Heart disease, 2. Not named, 6.

NORMANTON BARRACKS.

Census population, 248. Estimated to middle of 1894, 256.

Births, 8, viz., 2 males and 6 females.

Deaths, 3, viz., 3 males, who died between 15 and 25 years of age. Pulmonary disease, 2. Not named, 1.

The Zymotic history of my district may be related as follows:—

Small-pox.—No death has been registered from this disease, nor have I heard of any case.

Measles.—Three deaths have occurred, viz., one at Littleover, where the disease was very prevalent, and the Schools were closed for a time. One at Little Eaton and one at Osmaston, and it did not spread to any extent in these two places.

Scarlet Fever.—Only one death took place from this very infectious disease, viz., at Elvaston, and it was the only case I heard of in that village. Sporadic cases occurred in several other villages, but nothing like an epidemic resulted. A case broke out in the Schoolmaster's house at Kegworth. The Schoolmaster took lodgings away from home and the disease did not spread.

Diphtheria.—Two deaths took place, viz., one at Sandiacre and one at Castle Donington. In the latter (as reported to you at the time), the house and surroundings were in such an insanitary condition that I felt justified in condemning it as unfit for human habitation, and I believe it is closed at the present time.

Croup.—Six deaths, viz., one at Draycott, one at Little Eaton, one at Sandiacre, two at Sawley, and one at Shardlow.

Typhoid Fever.—Two deaths, one at Stapleford, in a good house, but where the drinking water was polluted. Complaints were made here of the slovenly way scavenging was carried out, the cart leaking, and allowing some of the contents to escape on the roads, causing a nuisance. This has since been remedied. The other took place at Shardlow, in the person of a young gentleman, who, in following his avocation as a civil engineer, had occasion to superintend some drainage operations in a large town, where he contracted the Fever, and came home to Shardlow, where he died.

A case of Typhoid Fever occurred at a farm house, at Sawley, from which milk was retailed about the neighbourhood. Arrangements were made, and the cows sent away, and no one in the house was engaged in the milk distribution, thus stopping all fear of the spread of the disease by the agency of the milk. A case of Typhoid occurred at a farm house at Chaddesden, where I found the drinking water polluted and the dairy inside the house. The patient was sent to the Hospital at Derby, and there was no spread of the disease. A few other cases occurred in different parts of the district, but they were not connected with anything calling for special mention.

Puerperal Fever.—Three deaths, viz., one at Barrow, where the premises were in a most insanitary condition. The house, which consisted of two rooms only, was very filthy, with no through ventilation. Adjoining, and practically part of the house, was a privy in a most dilapidated condition, the contents of which percolated through the floor into the house, and close by was a foul smelling ditch. This place I condemned as unfit for human habitation. One at Chaddesden and one at Weston-on-Trent, at which latter place I found the conditions unsatisfactory, especially as regarded the drains, the smell from which had been very bad for some time.

Whooping Cough.—Five deaths, viz., one at Breaston, one at Melbourne, one at Ockbrook, one at Sawley, and one at Spondon.

Diarrhœa.—Three deaths only, viz., one adult and two infants under a year old.

Erysipelas.—No death, but several cases were notified. I do not think this disease ought to have been included in the Zymotic class. Many people who have had it once are liable to have it again, and from a preventive point of view the Sanitarian has not much to do with it. It may be caused by the prick of a pin, or rusty nail, and all the Sanitarian can tell the patient is that he or she should have been more careful.

All these Zymotic cases have come in with my routine work, and I have personally visited most of them, especially the most important ones, as reported to you at your regular meetings. Wherever, in visiting cases of infectious disease, I find any insanitary conditions, such as foul or untrapped drains, or direct communication between houses and drains, or overflowing ashpits and filthy privies, or badly paved yards, or nuisances of any kind, in dangerous proximity to the houses or water supply, I instruct the Inspector to issue notices for their abatement. These are afterwards seen to have been carried out.

The year has been a very quiet one. There have been no large schemes of sewage disposal or of water supply inaugurated, with the exception that I attended a Local Government Inquiry at Kegworth, respecting a public water supply there. It was proposed, and I believe will be carried out, that this large large township should be supplied from the Long Eaton Waterworks, and this will be a great boon to the inhabitants, as the present supply has long been known to be bad.

I have not had many cases of closure of dwelling-houses to deal with, except those mentioned at Castle Donington and Barrow, and I may also add at Melbourne where I found some houses over-crowded and unfit for habitation in consequence of their insanitary condition.

No cases of unsound meat or unsound food of any description have been brought before my notice during the year, nor have I had to investigate any nuisances caused by noxious trades.

This concludes my report for the year 1894, and it compares very favourably with former reports in the prevalence of preventible diseases, the prevention of which is the chief function of a Medical Officer of Health.

I have again to thank you for your kind consideration during the year.

I remain, Gentlemen,

Your obedient Servant,

CHARLES HARWOOD, M.D., &c.,

Medical Officer of Health.

The usual Tables are appended.

Shardlow, February, 1895.

Shardlow Rural Sanitary Authority.

TABLE 1.

Area in Acres	...	...	...	...	64,596
Census Population of 1891...	...	...	...	...	89,243
Estimated Population to middle of 1894	...	...	...	...	41,099

Number of Deaths for the Year, 1894—Males, 282 ; Females, 250
Total, 532.

Death Rate for the Year, 1894	...	12·97	per 1,000
Infantile Death Rate	„ „	4·31	„
Zymotic Death Rate	„ „	·6	„

Diseases.	Under 5 years of age.	Above 5 Years of age.
Scarlatina	0	1
Diphtheria	2	0
Croup	5	1
Typhoid Fever	0	2
Puerperal Fever	0	3
Measles	3	0
Whooping Cough	5	0
Diarrhœa...	2	1
Phthisis	2	41
Respiratory Diseases	40	35
Heart Diseases	3	55
Injuries	2	14
All other diseases	112	203
	176	356
Total ... 532		

TABLE 2.

BIRTHS IN THE DISTRICT DURING THE YEAR, 1894.

Males	...	...	...	...	...	645
Females	...	...	...	...	...	558
Total						1,203

Birth Rate for the Year, 29·34 per 1,000.

INSPECTOR'S REPORT.

Satisfactory progress in sanitary matters continues. Numerous correspondence and notices in abatement of nuisances and water supply having received attention, and only in one case has it been necessary to resort to legal proceedings, the action of the Authority being upheld.

The remarkably small rainfall we have experienced during the last two years, has caused a short supply of water for domestic purposes in some parishes.

Fortunate have those villages been who have a supply from Water Works, a condition of things gaining more appreciation every day. Kegworth is now about to be supplied from the Long Eaton Water Works.

In three of the parishes a Scavenger is paid by the Authority, in each place there is a marked decrease in the number of cases of nuisances.

A rather larger number of cases of over-crowding have been dealt with, a number of cottages in most parts of the Union are but poor dwellings, and often very short of proper accommodation, which greatly increases the difficulty of dealing humanely with these painful cases.

New sewers have been laid at Normanton and Spondon, ventilation of sewers by means of iron pipes continues to act very satisfactorily.

Culverts, dykes, and sewage tanks have been cleaned out and repaired where found necessary. The Parochial Committees having done their duty in this respect, as far as circumstances would permit.

The erection of new houses and buildings has of late been on the increase over other years; at Breaston, Castle Donington, Chilwell, Chellaston, Draycott, Little Eaton, Littleover, Melbourne, Normanton, Ockbrook, Osmaston, Sandiacre, Sawley, Sponpon, and Stapleford.

H. FORMAN,

Sanitary Inspector.

